

## Product datasheet for **CF812307**

### TTC7A Mouse Monoclonal Antibody [Clone ID: OTI4A2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4A2
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-450 of human TTC7A (NP_065191) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	96 kDa
Gene Name:	tetratricopeptide repeat domain 7A
Database Link:	<a href="#">NP_065191</a> <a href="#">Entrez Gene 362696 Rat</a> <a href="#">Entrez Gene 57217 Human</a> <a href="#">Q9ULT0</a>

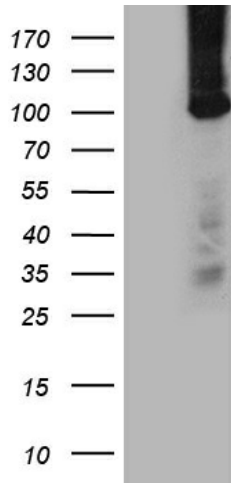


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**Background:** This gene encodes a protein containing tetratricopeptide repeats. Mutations in this gene disrupt intestinal development and can cause early onset inflammatory bowel disease and intestinal atresia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]

**Synonyms:** GIDID; MINAT; TTC7

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TTC7A ([RC217177], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TTC7A. Positive lysates [LY412463] (100ug) and [LC412463] (20ug) can be purchased separately from OriGene.